

Chemical Report

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Composition of Ribblesdale PC, EN 197-1:2011, CEM I 52,5N
Dispatched from Ribblesdale
Chemical analysis for week ending 11-Sep-22

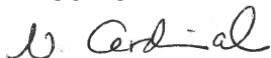
Week No. 2022-36

Compound	%
SiO ₂	21.64
Al ₂ O ₃	5.17
Fe ₂ O ₃	2.61
CaO	65.00
MgO	2.70
SO ₃	3.45
K ₂ O	0.68
Na ₂ O	0.23
Cl	0.06
Loss on Ignition	2.92
Not Detected	-4.47
Total	104.47

	%
Insol Residue	0.70
Free CaO	1.0
Certified Average Alkali Na ₂ O (Equiv)	0.68
LSF (x 100)	91.37

Clinker compounds by Rietveld analysis	
C ₃ S	53.6
C ₂ S	21.9
C ₃ A	5.4
C ₄ AF	6.6

For and on behalf of
HANSON CEMENT



Dr Nina Cardinal, Dipl.Ing., CEng, MiMMM
National Technical Manager
Hanson Cement

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